

## ABSTRACT

A composite material having metal at the surface of a resin base is obtained by  
subjecting the surface of a resin base to ion exchange group introduction treatment,  
treating the surface of said resin base with liquid containing metal ions to introduce metal  
5 ions, introducing photocatalyst into the resin base containing said introduced metal ions,  
and then irradiating the resin base with electromagnetic radiation after said photocatalyst  
introduction. Said composite material is useful for composite materials that require fine  
metal patterns.